

Abstract

A vehicle external rear vision mirror assembly is described. The assembly includes a support arm; a mirror frame mounted on an end of the support arm; a support portion connected to the mirror frame; a flywheel rotatably mounted with respect to the support portion; a member for rotating the flywheel; a mirror mounted to the support portion, the mirror having a reflective surface orientated substantially normal to the rotational axis of the flywheel; and a connection member connecting the support portion to the mirror frame, the connection member arranged and constructed such that the angle of the support portion, with respect to the mirror frame, can be adjusted, whereby the flywheel stabilizes the mirror against tilting vibrational movement. The mirror may be mounted either to the support portion (and therefore non-rotatable) or may be mounted directly to the flywheel.